Customer No.: 31561
Application No.: 10/709,374
Docket No.: 10657-US-PA

AMENDMENTS

To the Claims:

Claim 1. (currently amended) A wide viewing angle liquid crystal display, comprising:

a back light unit;

an optical compensation circular polarizer unit set over the back light unit;

an optically self-compensated birefringence liquid crystal panel set over the optical compensation circular polarizer unit; and

an optical compensation circular analyzer set over the liquid crystal panel, and the optical compensation circular analyzer set comprising an analyzer plate, wherein the absorption axis of the analyzer plate is perpendicular to the absorption axis of the polarizer plate, and the polarizer plate form an included angle of between 40° to 50° with the alignment direction of the liquid crystal panel.

Claims 2-5. (withdrawn)

Claim 6. (original) The liquid crystal display of claim 1, wherein the optical compensation circular polarizer unit further comprises:

a polarizer plate;

a first uniaxial quarter-wave plate sandwiched between the polarizer plate and the liquid crystal panel, wherein the optical axis of the first uniaxial quarter-wave plate and an absorption axis of the polarizer plate form an included angle of about 45°; and

a first biaxial compensation film sandwiched between the first uniaxial quarter-wave plate and the liquid crystal panel.

Claim 7. (original) The liquid crystal display of claim 6, wherein the first biaxial compensation film has principal refractive indices nx, ny and nz that satisfy the following inequality relations: nx>ny>nz and (nx-nz)/(nx-ny)>6, and the principal axis with the refractive index nx is perpendicular to the alignment direction of the liquid crystal panel.

Claims 8-9 (withdrawn)

Claim 10. (currently amended) The liquid crystal display of claim ~~6~~1, wherein the optical compensation circular analyzer unit further comprises:

~~an analyzer plate, wherein the absorption axis of the analyzer plate is perpendicular to the absorption axis of the polarizer plate, and the polarizer plate form an included angle of between 40º to 50º with the alignment direction of the liquid crystal panel;~~

a second uniaxial quarter-wave plate sandwiched between the analyzer plate and the liquid crystal panel, wherein the optical axis of the second uniaxial quarter-wave plate forms an included angle of about 45° with the absorption axis of the analyzer plate; and

a second biaxial compensation film sandwiched between the second uniaxial quarter-wave plate and the liquid crystal panel.

Claim 11. (original) The liquid crystal display of claim 10, wherein the second biaxial compensation film has principal refractive indices nx', ny' and nz' that satisfy the following inequality relations: nx'>ny'>nz' and 4>(nx'-nz')/(nx'-ny')>2, and the principal axis with the refractive index nx' is perpendicular to the alignment direction of the liquid crystal panel.

Claims 12-14 (withdrawn)